

CORNING	Life Sciences	Document Number: LSR00004	Rev.: 4
Description (Class): Customer Technical Data Sheet – Multiwell TC Plates – 48 Well			Page: 1 of 2

Applications:

TC plates are used for the growth and study of cells in monolayer culture.

A consistent Tissue Culture surface chemistry is produced using vacuum gas plasma treatment. This permanent modification of the growth surface incorporates negatively charged functional groups that create a hydrophilic (wettable) surface for cell attachment. The highly controlled vacuum gas plasma treatment creates a consistent well to well and plate to plate growth surface.

Features:

- Improved visualization and manipulation of cells compared to 96 well
- Available in individual recyclable PET tray or bulk packaged bags
- Can be handled Manually or Automated
- Low Evaporation Lid
 - Unique labyrinth air passage system that provides a tortuous path for gas exchange to minimize the risk of contamination and evaporation.
- Individual condensation rings above each well to prevent cross contamination.
- Large writing patch
- Alpha-Numeric well Identification
- One-way lid to reduce cross contamination
- Peel-open, Medical Style Package assuring sterile product presentation.
- Plates with different well sizes can be stacked together for efficient utilization of incubator space.
- Serrated gripping panels
- Contact Product Manager for special packaging.

Restrictions:

- In general, for use with aqueous reagents used for tissue culture.

Sterility:

Products are gamma irradiated.

Regulatory Compliance:

Falcon® products are manufactured under the current ISO 9001 and the current FDA Quality System Regulation 21 CFR Section 820.

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Material:

- Polystyrene (crystal grade)

Catalog Number:

Type	Cat. No.	Packout/ Description
TC Surface	353078	1/Tray, 50/Case
	353230	6/Bag, 36/Case
Non-treated	351178	1/Tray, 50/Case

Dimensions = XXX mm (XXX inches)

LID:

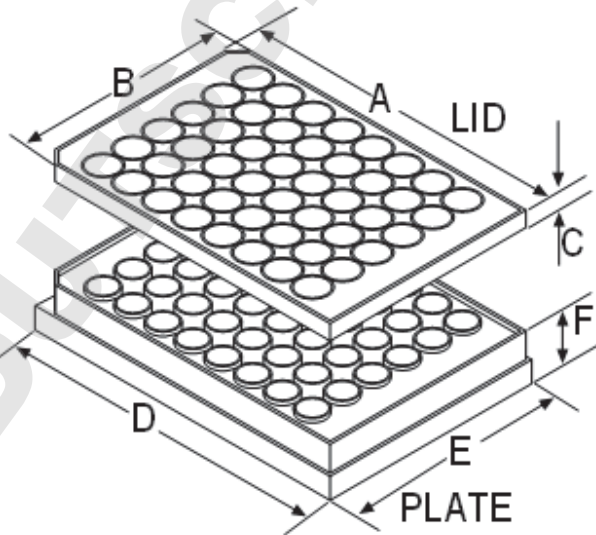
Length: A = 127.20 (5.008)
 Width: B = 85.14 (3.332)
 Height: C = 10.33 (.395)

PLATE:

Length: D = 127.63 (5.025)
 Width: E = 85.47 (3.365)
 Height: F = 20.19 (.795)
 Markings:
 Alpha-Numerical
 Ht. w/lid on = 21.38 (.842)

WELL:

Top Int. Diameter = 10.38 (.409)
 Bot. Int. Diameter = 9.77 (.385)
 Depth = 17.78 (.700)
 Bottom area (growth) = .748 sq. cm, .116 sq. in.
 Center to center = 12.92 (.509)
 Bottom thickness = 1.39 (.055)
 Volume of Media/well = 0.5 to 0.8 ml
 Volume of Trypsin/well = 0.05 to 0.08 ml



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